

Patent Abstracts of Japan

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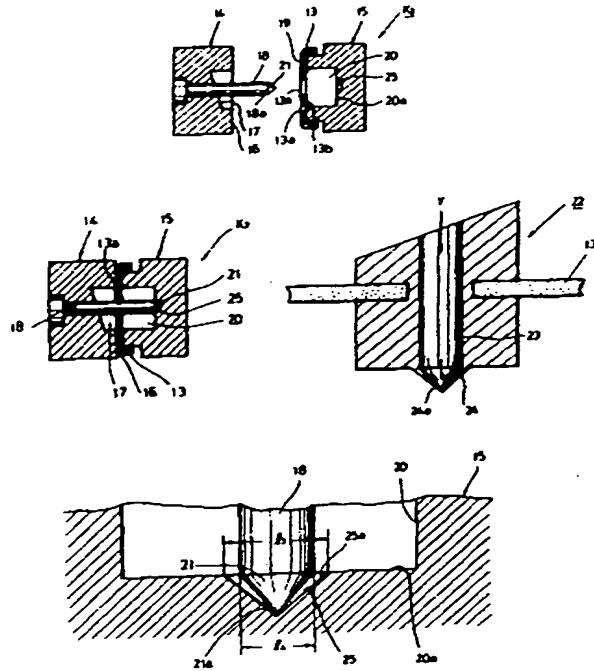
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TITLE : MOLD APPARATUS



**ABSTRACT :** PURPOSE: To make possible to blow off readily any burr by air pressure which will be formed at the edge of a hole of an injection molded cylindrical body, by forming a pointed section at the tip of a push pin attached to one of molds for forming a hole of a cylindrical body, and forming a recess in the other of the molds, which will abut on the former mold, in the shape generally corresponding to said pointed section.

**CONSTITUTION:** In the production of a molded item 22 by outsert molding of a resin in the shape of a cylinder around a hole of a sheet metal 13, the tip 18a of the pin 18 projected from the mold 14 for forming the hole 23 in the molded item 22 is formed into the pointed section 21, and the wall of the other mold 15 that will abut on the pointed section 21 is formed with the recess 15 in the shape generally corresponding to the pointed section 21. Thus when a resin is injection molded in cavities 17, 20, a thin burr 14 in the shape of an arrowhead is formed at the end of the hole 23. When abrasive is blown through the hole 23 against the burr 24 by air blow, the abrasive is centralized to the tip of the burr 24 to break it. When the tip 24a is broken, other burr can also be removed from the hole 23 readily and positively.

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